



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/672,433
				Filing Date	9/26/2003
				First Named Inventor	Han et al.
				Art Unit	1753
Sheet	1	of	8	Examiner Name	Kaj K. Olsen
				Attorney Docket Number	2771-617

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	AA	US- 5,462,645 - A	10-31-1995	Albery, John W., et al.	
	AB	US- 4,589,958 - A1	05-20-1986	Alexander, Peter W., et al.	
	AC	US- 2,884,366 - A	04-28-1959	Anderson, Bernard E., et al.	
	AD	US- 5,352,350 - A	10-04-1994	Andricacos, Panayotis C., et al.	
	AE	US- 6,974,531 - B2	12-13-2005	Andricacos, Panayotis, et al.	
	AF	US- 6,288,783 - B1	09-11-2001	Auad, Rogerio Batista	
	AG	US- 5,325,038 - A	06-28-1994	Banzai, Keiichiro, et al.	
	AH	US- 4,496,454 - A	01-29-1985	Berger, Terry A.	
	AI	US- 6,569,307 - B2	05-27-2003	Blachier, Olivier J., et al.	
	AJ	US- 4,812,210 - B1	03-14-1989	Bonivert, William D., et al.	
	AK	US- 2,707,166 - A1	04-26-1955	Brown, Henry, et a.	
	AL	US- 5,162,077 - A1	11-10-1992	Bryan, Avron I., et al.	
	AM	US- 2005/0016847 - A1	01-27-2005	Buehler, Martin	
	AN	US- 6,645,364 - B2	11-11-2003	Calvert, Jeffrey M., et al.	
	AO	US- 4,568,445 - A1	02-04-1986	Cates, Marion H., et al.	
	AP	US- 2004/0065561 - A1	04-08-2004	Chalyt, Gene, et al.	
	AQ	US- 6,572,753 - B2	06-03-2003	Chalyt, Gene, et al.	
	AR	US- 6,409,903 - B1	06-25-2002	Chung, Dean S., et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	AS	EP - 0 302 009 - A1	07-13-1988	Harald, Danigel, Dr.		
	AT	WO - 01/29548 - A1	04-26-2001	Robertson, Peter M.		
	AU	DE - 19911447 - A1	12-07-2000	Schumacher, Rolf, et al.		
	AV	JP - 2001-073183 - A	03-21-2001	Yasushi, Isayama, et al.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/672,433
				Filing Date	9/26/2003
				First Named Inventor	Han et al.
				Art Unit	1753
				Examiner Name	Kaj K. Olsen
Sheet	2	of	8	Attorney Docket Number	2771-617

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	AW	US- 3,288,690 - A1	11-29-1966	Creutz, Hans-Gerhard, et al.	
	AX	US- 6,558,519 - B1	05-06-2003	Dodgson, John Robert, et al.	
	AY	US- 3,996,124 - A	12-07-1976	Eaton, Paul E., et al.	
	AZ	US- 4,038,161 - A1	07-26-1977	Eckles, William Edward, et al.	
	BA	US- 3,972,789 - A1	08-03-1976	Eppensteiner, Frederick W., et al.	
	BB	US- 6,270,651 - B1	08-07-2001	Essalik, Abetif, et al.	
	BC	US- 6,231,743 - B1	05-15-2001	Etherington, Gregory S.	
	BD	US- 4,917,774 - A1	04-17-1990	Fisher, Gordon	
	BE	US- 4,917,777 - A1	04-17-1990	Fisher, Gordon	
	BF	US- 2,898,282 - A1	08-04-1959	Flook, W.M., Jr., et al.	
	BG	US- 3,883,414 - A	05-13-1975	Fujinaga, Taitoro, et al.	
	BH	US- 4,498,039 - A	02-05-1985	Galwey, Ronald K., et al.	
	BI	US- 5,017,860 - A	05-21-1991	Germer, Warren R., et al.	
	BJ	US- 6,365,033 - B1	04-02-2002	Graham, Lyndon W., et al.	
	BK	US- 5,131,999 - A	07-21-1992	Gunasingham, Hari	
	BL	US- 2,830,014 - A1	04-08-1958	Gundel, Wolfgang, et al.	
	BM	US- 4,260,950 - A	04-07-1981	Hadden, David M., et al.	
	BN	US- 2006/0102475 - A1	05-18-2006	Han, Jianwen, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/672,433	
			Filing Date	9/26/2003	
			First Named Inventor	Han et al.	
			Art Unit	1753	
			Examiner Name	Kaj K. Olsen	
Sheet	3	of	8	Attorney Docket Number	2771-617

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	BO	US- 2005/0241948 - A1	11-03-2005	Han, Jianwen, et al.	
	BP	US- 6,984,299 - B2 ²	11-10-2006	Han, Jianwen, et al.	
	BQ	US- 6,709,568 - B2	03-23-2004	Han, Jianwen, et al.	
	BR	US- 2,707,167 - A1	04-26-1955	Hoover, Edwin W., et al.	
	BS	US- 4,849,330 - A	07-18-1989	Humphries, Gillian M.K., et al.	
	BT	US- 5,288,387 - A1	02-22-1994	Ito, Takayuki, et al.	
	BU	US- 3,655,534 - A1	04-11-1972	Kampe, Marcis M.	
	BV	US- 3,725,220 - A1	04-03-1973	Kessler, Richard B.	
	BW	US- 2004/0040842 - A1	03-04-2004	King, Mackenzie E., et al.	
	BX	US- 2005/0067304 - A1	03-31-2005	King, Mackenzie E., et al.	
	BY	US- 2005/0109624 - A1	05-26-2005	King, MacKenzie, et al.	
	BZ	US- 2006/0266648 - A1	11-30-2006	King, Mackenzie E., et al.	
	CA	US- 7,094,323 - B2	08-22-2006	King, Mackenzie, et al.	
	CB	US- 5,316,649 - A1	05-31-1994	Kronberg, James W.	
	CC	US- 2005/0224370 - A1	10-13-2005	Liu, Jun, et al.	
	CD	US- 5,268,087 - A1	12-07-1993	Lu, Po-Yen	
	CE	US- 5,320,721 - A	06-14-1994	Ludwig, Frank A., et al.	
	CF	US- 5,074,157 - A1	12-24-1991	Marsoner, Hermann, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/672,433
				Filing Date	9/26/2003
				First Named Inventor	Han et al.
				Art Unit	1753
				Examiner Name	Kaj K. Olsen
Sheet	3	of	8	Attorney Docket Number	2771-617

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	BO	US- 2005/0241948 - A1	11-03-2005	Han, Jianwen, et al.	
	BP	US- 6,984,299 - B2*	11-10-2006	Han, Jianwen, et al.	
	BQ	US- 6,709,568 - B2	03-23-2004	Han, Jianwen, et al.	
	BR	US- 2,707,167 - A1	04-26-1955	Hoover, Edwin W., et al.	
	BS	US- 4,849,330 - A	07-18-1989	Humphries, Gillian M.K., et al.	
	BT	US- 5,288,387 - A1	02-22-1994	Ito, Takayuki, et al.	
	BU	US- 3,655,534 - A1	04-11-1972	Kampe, Marcis M.	
	BV	US- 3,725,220 - A1	04-03-1973	Kessler, Richard B.	
	BW	US- 2004/0040842 - A1	03-04-2004	King, Mackenzie E., et al.	
	BX	US- 2005/0067304 - A1	03-31-2005	King, Mackenzie E., et al.	
	BY	US- 2005/0109624 - A1	05-26-2005	King, MacKenzie, et al.	
	BZ	US- 2006/0266648 - A1	11-30-2006	King, Mackenzie E., et al.	
	CA	US- 7,094,323 - B2	08-22-2006	King, Mackenzie, et al.	
	CB	US- 5,316,649 - A1	05-31-1994	Kronberg, James W.	
	CC	US- 2005/0224370 - A1	10-13-2005	Liu, Jun, et al.	
	CD	US- 5,268,087 - A1	12-07-1993	Lu, Po-Yen	
	CE	US- 5,320,724 - A	06-14-1994	Ludwig, Frank A., et al.	
	CF	US- 5,074,157 - A1	12-24-1991	Marsoner, Hermann, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/672,433
				Filing Date	9/26/2003
				First Named Inventor	Han et al.
				Art Unit	1753
				Examiner Name	Kaj K. Olsen
Sheet	5	of	8	Attorney Docket Number	2771-617

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	CY	US- 6,254,760 - B1	07-03-2001	Shen, Ben, et al.	
	CZ	US- 5,223,118 - A1	06-29-1993	Sonnenberg, Wade, et al.	
	DA	US- 6,827,839 - B2	12-07-2004	Sonnenberg, Wade, et al.	
	DB	US- 4,317,002 - A1	02-23-1982	Spicer, Lyndon R.	
	DC	US- 4,305,039 - A	12-08-1981	Steuernagel, Werner H., et al.	
	DD	US- 3,276,979 - A1	10-04-1966	Strauss, Wennemar, et al.	
	DE	US- 6,808,611 - B2	10-26-2004	Sun, Zhi-wen, et al.	
	DF	US- 6,459,011 - B1	10-01-2002	Tarr, Matthew A., et al.	
	DG	US- 4,132,605 - A1	01-02-1979	Tench, Dennis M., et al.	
	DH	US- 2005/0247576 - A1	11-10-2005	Tom, Glenn M., et al.	
	DI	US- 5,635,043 - A	06-03-1997	Tur'yan, Yakov, et al.	
	DJ	US- 4,595,462 - A1	06-17-1986	Vangaeveer, Frank, et al.	
	DK	US- 4,071,429 - A	01-31-1978	Wagenknecht, John H., et al.	
	DL	US- 6,395,152 - B1	05-28-2002	Wang, Hui	
	DM	US- 2004/0055888 - A1	03-25-2004	Wikiel, Kazimierz J., et al.	
	DN	US- 2002/0070708 - A1	06-13-2002	Wu, Ten-Der	
	DO	US- 6,022,470 - A	02-08-2000	Yarnitzky, Chaim Noah	
	DP	US- 5,404,018 - A	04-04-1995	Yasuda, Hiroshi, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/672,433	
			Filing Date	9/26/2003	
			First Named Inventor	Han et al.	
			Art Unit	1753	
			Examiner Name	Kaj K. Olsen	
Sheet	6	of	8	Attorney Docket Number	2771-617

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	DQ	ALWASH, S. H. ET AL., A rotating disc electrode with heat transfer facilities for corrosion studies, Corrosion Science, 1987, Page(s) 383-390, Volume 27, Number 4		
	DR	BARD, ALLEN J., ET AL., Electrochemical Methods: Fundamentals and Applications, 2nd Edition, 2001, Page(s) 15-16, Publisher: John Wiley & Sons, Inc., Published in: New York		
	DS	BARZ, H., ET AL., Measurement of the surface temperature of rotating electrodes, J. Electroanal. Chem., 1976, Page(s) 415-418, Volume 69		
	DT	CERNA, N., Determination of chlorides in an acid copper-plating bath, Povrchove Upravy, 1973, Page(s) 11-12, Volume 13, Number 6		
	DU	CHENG, X. L., ET AL., Analysis of organic additives in copper-plating brightener by high performance liquid chromatography, Se. Pu., November 1999, Page(s) 602-603, Volume 17, Number 6		
	DV	DIKUSAR, A. I., ET AL., Thermokinetic instability of electrode processes, J. Electroanal. Chem., 1986, Page(s) 11-23, Volume 207		
	DW	FREEMAN, J.E., ET AL., A fiber-optic absorption cell for remote determination of copper in industrial electroplating baths, Analytica Chimica Acta, 1985, Page(s) 121-128, Volume 177		
	DX	FREITAG, WALTER O., ET AL., Determination of the individual additive components in acid copper plating baths, Plat. Surf. Fin., October 1983, Page(s) 55-60, Volume 70, Number 10		
	DY	HEALY, JOHN P., ET AL., The chemistry of the additives in an acid copper electroplating bath: Part II. The instability 4,5-dithiaoctane-1,...., J. Electroanal. Chem., October 1992, Page(s) 167-177, Volume 338, Number 1-2		
	DZ	HEALY, JOHN P., ET AL., The chemistry of the additives in an acid copper electroplating bath: Part III. The mechanism of brightening by 4,5-...., J. Electroanal. Chem., October 1992, Page(s) 179-187, Volume 338, Number 1-2		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/672,433
				Filing Date	9/26/2003
				First Named Inventor	Han et al.
				Art Unit	1753
				Examiner Name	Kaj K. Olsen
Sheet	7	of	8	Attorney Docket Number	2771-617

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	EA	HUILIANG, HUANG, ET AL., Flow potentiometric and constant-current stripping analysis for mercury(II) with gold, platinum and carbon fibre..., Analytica Chimica Acta, 1987, Page(s) 1-9, Volume 201	
	EB	KIM, JAE JEONG, ET AL., Catalytic behavior of 3-mercapto-1-propane sulfonic acid on Cu electrodeposition and its effect on Cu film properties..., J. Electroanal. Chem., January 30, 2003, Page(s) 61-66, Volume 542, Number 1	
	EC	KRUGLIKOV, S. S., ET AL., The effect of some primary and secondary brighteners on the double layer capacitance in nickel electrodeposition, Electrochimica Acta, September 1967, Page(s) 1263-1271, Volume 12, Number 9	
	ED	LIU, YONGHUI, Testing Technology of Electrochemistry, (English relevance attached), 1987, Page(s) 159, Published in: Beijing	
	EE	METROHM, Product description of 731 Relay Box, Downloaded 5/11/05 from http://www.metrohm.com/products/05/acc/731/731.html , 5/11/05	
	EF	METROHM, Product description of 772 Pump Unit, Downloaded 5/11/05 from http://www.metrohm.com/products/05/acc/772/772.html , 5/11/2005	
	EG	METROHM, Product description of MVA-3 voltammetry system, Downloaded 5/11/05 from http://www.metrohm.com/products/06/mva/mva03/mva03.html , 5/6/2004	
	EH	METROHM, Product description of Titrand Dosino, http://www.metrohm.com/titrando/products/units/800/800.html , 2003	
	EI	METROHM, Product description of Titrand PC Control, Downloaded 5/11/05 from http://www.metrohm.com/titrando/products/control/pc/pc.html , 2004	
	EJ	MILCHEV, ALEXANDER, ET AL., A galvanostatic study of electrochemical nucleation, J. Electroanal. Chem., July 25, 1992, Page(s) 93-102, Volume 333, Number 1-2	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				<i>Application Number</i>	10/672,433
				<i>Filing Date</i>	9/26/2003
				<i>First Named Inventor</i>	Han et al.
				<i>Art Unit</i>	1753
				<i>Examiner Name</i>	Kaj K. Olsen
Sheet	8	of	8	<i>Attorney Docket Number</i>	2771-617

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	EK	OLDHAM, KEITH B., ET AL., Fundamentals of Electrochemical Science, 1994, Page(s) 328-332, Publisher: Academic Press, Inc., Published in: San Diego	
	EL	SEISLER, H.W., ET AL., Near Infrared Spectroscopy, Near Infrared Spectroscopy, 2002, Publisher: Wiley	
	EM	SKOOG, DOUGLAS A., ET AL., Principles of Instrumental Analysis, 3rd Ed., 1985, Page(s) 332-337, Publisher: Harcourt College Publishers	
	EN	TENCH, DENNIS, ET AL., Cyclic pulse voltammetric stripping analysis of acid copper plating baths, J. Electrochem. Soc., April 1985, Page(s) 831-834, Volume 132, Number 4	
	EO	VERECKEN, P.M., ET AL., The chemistry of additives in damascene copper plating, IBM J. Res. Dev., January 2005, Page(s) 3-18, Volume 49, Number 1	
	EP	WOJCIECHOWSKI, MAREK, ET AL., Square-wave anodic stripping voltammetry of lead and cadmium at cylindrical graphite fiber microelectrodes with..., Analytica Chimica Acta, 1991, Page(s) 433-445, Volume 249, Number 2	
	EQ	WIKIPEDIA, Universal Serial Bus -- Wikipedia , Downloaded 5/11/05 from http://en.wikipedia.org/wiki/USB , 5/11/2005	
	ER	WYCHE, ET AL., Constant low-voltage drop rotating electrode assembly, Electrochemical Technology, 1966, Page(s) 447, Volume 4, Number 7-8	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.